Concepts Quiz: slope

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Slope is a measure of\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. A positive slope means\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

3. An undefined slope means\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

4. To calculate slope you must know what 2 measurements?

5. Sketch a picture here showing a line with a negative slope:

Put the following into slope intercept form:

6. 2x + y = 4 7. 5x - 2y = 8 8. 6x + 2y = 18

9. Tell m & b for prob. 6 10. Tell m & b for prob. 7 11. Tell m & b for prob. 8

12-14. Graph equations 6-8 on the back.